Beta-glucan bath promote wound healing in common carp (Cyprinus carpio L.)

Przybylska, Dominika Alicja; Schmidt, Jacob; Nielsen, Michael Engelbrecht

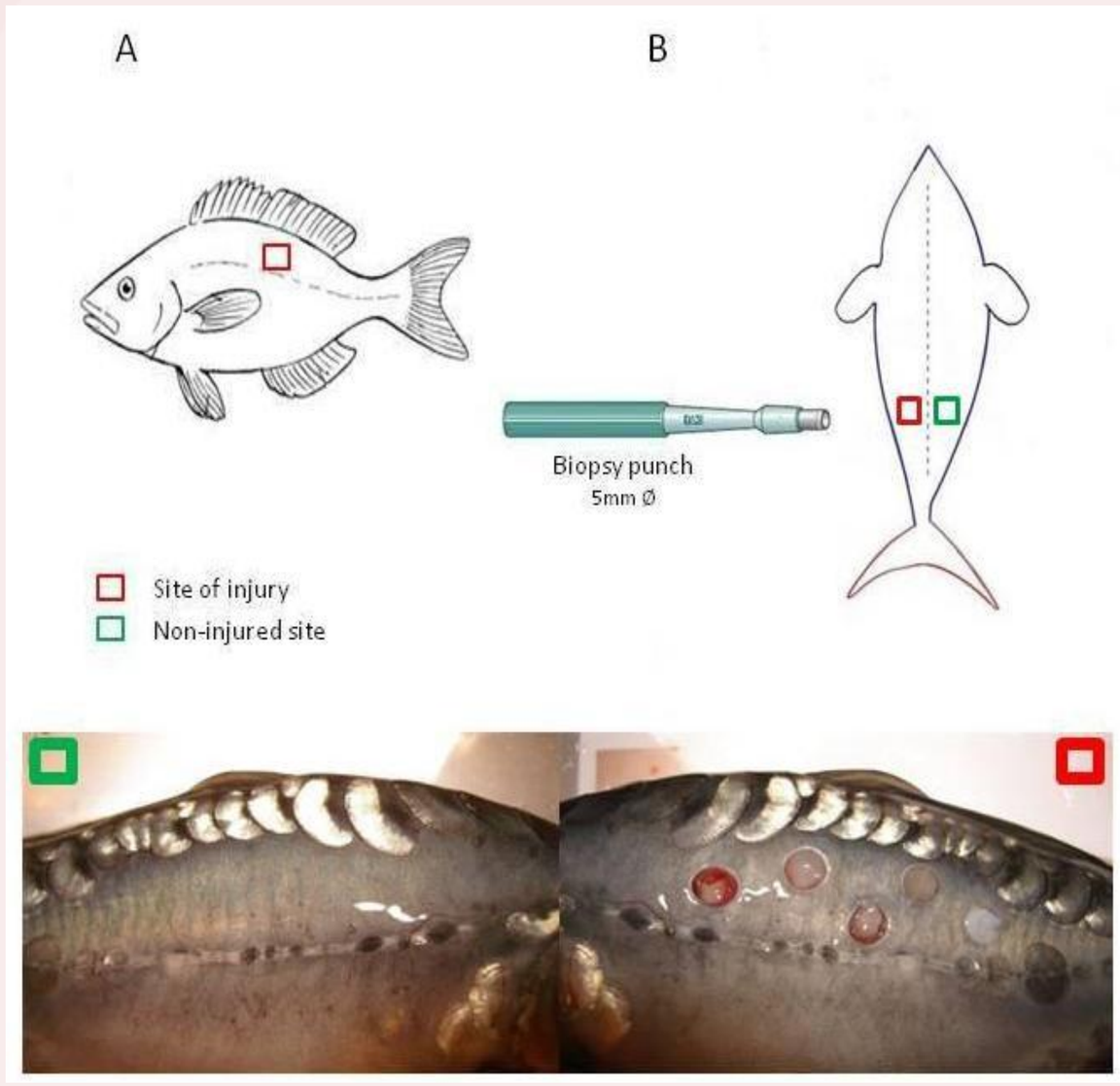
Publication date:
2011

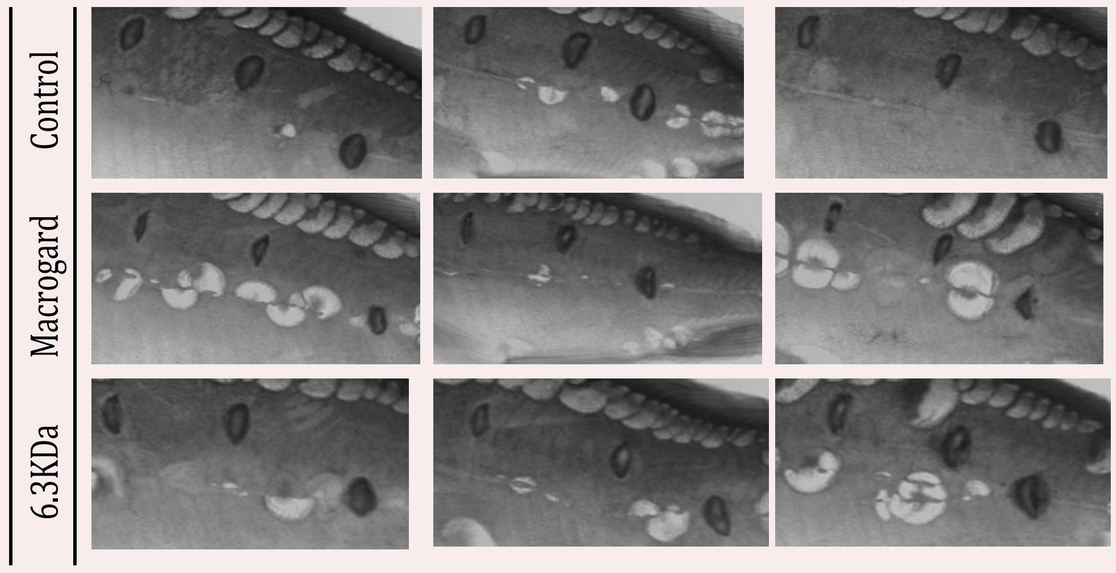
Document Version
Publisher's PDF, also known as Version of record

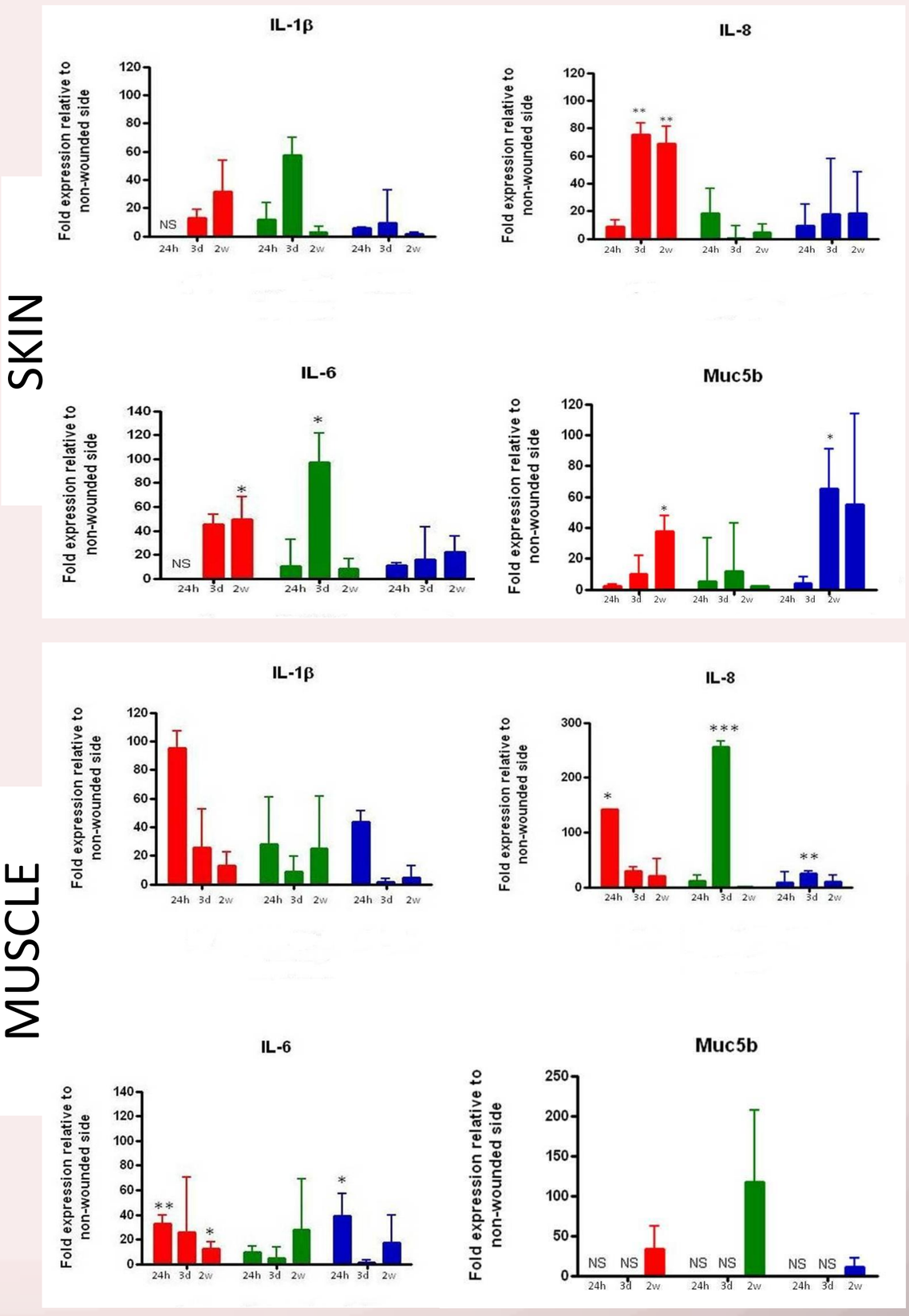
β-glucans promote wound healing in common carp (*Cyprinus carpio* L.)

Przybylska D*, Schmidt JG, and Nielsen ME

DTU Food, BQ Group, National Food Institute, Søltofts Plads, Building 221, DK-2800 Kgs. Lyngby







Conclusions

- ❖ Macrogard and 6.3kDa β-glucan promote wound healing
- ❖ in skin the focus is on wound closure
- ❖ in musculature tissue the focus is on inflammatory response due to injury (DAMPS)
- ❖ both observed responses are local and limited to the wound area
- ❖ mucus production seems to be reduced in skin by Macrogard but not by 6.3kDa β-glucan

Control Macrogard 6.3kDa